

POLAND/Pharmacology - Toxicology - Narcotics.

V

Abs Jour : Ref Zhur Biol., No 4, 1959, 18485

Author : Szafran, Leslaw; Rembiesa, Roman; Guzek, Jan W.,
Zygulska-Machowa, Helena

Inst : -

Title : The Influence of Repeated Introduction of Narcotic
Doses of Luminal on Carbohydrate Metabolism in Cooled
Animals.

Orig Pub : Patol. polska, 1956, 7, No 3, 231-239

Abstract : To rabbits, sodium-luminal was introduced perorally in a
dose of 0.05 g/kg for the duration of 10-15 days (I); a
number of them were then cooled to 10° (II). Sugar cur-
ves in I and II were flat, without a hyperglycemic phase.
The glycogen content in the tissues of I and II is low;
injury to liver tissue was discovered histologically.
The level of oxalic and citric acids in the blood in-
creases in dependence on the TO decrease of environment,

Card 1/2

SZAFRAN, Leslaw

Effects of cortisone on estrus. Pat. polska 7 no.4:337-340
Oct-Dec 56.

1. Z Zakladu Patologii Ogolnej i Doswiadczalnej A.M. w Krakowie
Kierownik: prof. dr. med. B. Giedosz. Krakow, Czysta 18, Zaklad
Patologii A.M.

(ESTRUS CYCLE, eff. of drugs on
cortisone, in mice (Pol))

(CORTISONE, eff.
on estrus cycle in mice (Pol))

EXCERPTA MEDICA Soc.6 Vol.12/4 Internal Med. April 53

2391. INFLUENCE OF CALCIUM ON THE FUNCTIONAL STATE AND THE HISTOLOGICAL PICTURE OF THE THYROID - Wpływ wapnia na stan czynnościowy i obraz histologiczny tarczycy - Szafran L. and Mach Z. Zakł. Patol. Ogólnej i Doświadczalnej A. M., Kraków - POL. TYG. LEK. 1956, 11/48 (2031-2035) Graphs 1 Tables 7

Referring to the iodine-calcium antagonism, the iodine content in the blood and in the thyroid, and the morphological picture of the thyroid in the progeny of rats which had been kept on a Ca-abundant diet were examined. The iodine level in the blood decreased on the average to $4.88 \mu\text{g./100 ml.}$ (in the control animals to $6.25 \mu\text{g./100 ml.}$). The weight of the thyroid was doubled. The iodine content in the thyroid decreased and amounted on the average to $1.07 \mu\text{g.}$ (in the control animals on an average to $2.83 \mu\text{g.}$). Taking into consideration the hyperplasia of the gland and calculating the iodine content per 1 g. of weight, we find that the iodine content decreased 5 times, on the average to $52.91 \mu\text{g.}$ (in the control animals $243.4 \mu\text{g.}$). Histologically was observed: hyperplasia of the thyroid, growth of the height of the epithelium and decrease of the amount of colloid. The volume of cellular nuclei increased. It is concluded that a continual consumption of excessive quantities of Ca with food for many years even in the case of a sufficient iodine content, will lead in time to the impairment of the thyroid function as a consequence of general decrease of iodine in the body. These changes appear most distinctly in the progeny of animals whose parents have already shown a certain iodine deficiency. (VI, 1, 5)

MACH, Zdzislaw; SZAFRAN, Leslaw

Effect of calcium on thyroid function and histology, Polski tygod.
lek. 12 no.42:1611-1614 21 Oct 57.

1. Z Zakladu Patologii Ogolnej i Dowiadczalnej A. M. w Krakowie;
prof. dr Med. Bronislaw Giedosz. Adres: Krakow, ul. Czysta 18. Zaklad
Patol. Og. i Dosw. A.M.

(THYROID GLAND, effect of drugs on,
calcium, in rats (Pol))

(CALCIUM, effects,
on thyroid gland in rats (Pol))

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4159. EFFECT OF SUBDIAPHRAGMATIC SECTION OF THE VAGUS NERVES
ON PRESSURE IN THE BILE DUCTS - Wpływ podprzeponowego przecięcia
nerwów błędnych na ciśnienie w drogach żółciowych - Szafran L. Zakł.
Patol. Ogólnej i Dośw. A. M., Kraków - PAT. POL. 1958, 9/3(221-226)
Tables 6

Section of the right vagus nerve below the diaphragm produces in rabbits a fall of
pressure in the extrahepatic bile ducts owing to relaxation of their muscular walls
and a decrease in tone of Oddi's sphincter. Section of the left vagus has no in-
fluence. Section of the right vagus in the neck also has no influence on pressure in
the bile ducts.

Czubalski - Warsaw

SZAFRAN, Leslaw

Cataract related to skin diseases. Klin. oczna 31 no.3:267-274
'61.

1. Z Kliniki Chorob Oczu AM w Krakowie Kierownik: prof. dr med.
M.Wilczek.

(CATARACT case rep) (SKIN dis)
(DIABETES MELLITUS compl)

SZAFRAN, Leslaw

Lens opacity of the smelting cataract type in welders. Med. pracy
16 no.3:246-249 '65.

1. Z Kliniki Chorob Oczu AM w Krakowie (Kierownik: prof. dr. med.
M. Wilczek).

SZAFRAN, Leslaw; DANEK, Zbigniew; WITEK, Jerzy

Usefulness of routine roentgenographic examination in the diagnosis of intra-orbital foreign bodies. Pol. tyg. lek. 20 no.38:1425-1427 20 S '65.

1. Z Kliniki Radiologicznej AM w Krakowie (Kierownik: prof. dr. Stanislaw Januszkiewicz) i z Kliniki Chorob Oczu AM w Krakowie (Kierownik: prof. dr. Marian Wilczek).

SZAFRAN, M.

Structure of 6-methyl-picolinic acid N-oxide and its derivatives.
Bul chim PAN 10 no.9:479-485 '62.

1. Department of Organic Chemistry, A. Mickiewicz University, Poznan.
Presented by J. Suszko.

SCAFRAN, M.

Investigations on homologous pyridine derivatives. Pts. 8-9.
Bul chim PAN 11 no.9:497-506 '63.

1. Department of Organic Chemistry, A. Mickiewicz University,
Poznan. Presented by J. Suszko.

SZAFRAN, M.

Investigations of homologous pyridine derivatives. Pt. 10.
Bul chim PAN 12 no.5:289-294 '64.

1. Department of Organic Chemistry, A. Mickiewicz University,
Poznan. Presented by J. Saszko.

SZAFRAN, Z.; HOMANSKA-SZAFRANOWA, H.; OLEKSY, J.

Distribution of enzymes of the esterase group in the proteins fractions of the pancreatic juice in the dog. Acta biochim. polon. 5 no.2:189-197. 1958.

1. Z Zakladu Chemii Fizjologicznej A.M. w Krakowie. Kierownik: Prof. dr B. Skarzynski i z Zakladu Fizjologii A.M. w Krakowie Kierownik: Prof. dr J. Kaulbersz.

(ESTERASES,

in protein fractions of pancreatic juice of dog (Pol))

(PANCREAS,

juice, esterases in protein fractions in dog (Pol))

HOMANSKA-SZAFRANOWA, H. OLEKSY, J., SZAFRAN, Z.

Effect of purified secretin and pancreatic enzymes and of pilocarpine on secretion of enzymes in the pancreatic juice in dog. Acta physiol. polon. 9 no.2:233-245 1958

1. Z Zakladu Chemii Fizjologicznej A.M. w Krakowie. Kierownik: prof. dr B. Skarzynski i z Zakladu Fizjologii A.M. w Krakowie, Kierownik: prof. dr J. Kaulbersz.

(SECRETIN, effects,

on pancreatic enzyme content in dog (pol))

(PILOCARPINE, effects,

same (Pol))

(PANCREAS,

juice, eff. on enzyme content of secretin, pancreatic enzymes & pilocarpine (Pol))

SZAFRAN, Z.; SZAFRAN, H.; OLEKSY, J.

Hydrolysis of carboxylic esters by dog pancreatic juice
esterases. Acta biochim.polon. 6 no.2:205-217 '59.

1. Zaklad Chemii Fizjologicznej A. M. w Krakowie Kierownik:
prof. dr B. Skarzynski i Zaklad Fizjologii A. M. w Krakowie
Kierownik: prof. dr J. Kaulbersz.
(ESTERASES - chemistry)
(PANCREATIC JUICE - chemistry)

SZAFRAN, Halina; SZAFRAN, Z.; OLEKSY, J.

Studies on hydrolases in digestive juices. V. Proteolytic enzymes in pancreatic juice in dogs. Acta biochim.polon. 7 no.1:51-62 '60.

1. Zaklad Chemii Fizjologicznej A.M. w Krakowie. Kierownik: prof. dr B. Skarzynski. Zaklad Fizjologii A.M. w Krakowie. Kierownik: prof.dr J. Kaulbersz.

(PANCREATIC JUICE chem.)

(PROTEASES chem.)

OLEKSY, J.; SZAFRAN, Halina; SZAFRAN, Z.

Studies on hydrolases in digestive juices. VI. Esterases in intestinal juices in dogs. Acta biochim.polon.8 no.1:43-53 '61.

1. Zaklad Chemii Fizjologicznej AM w Krakowie, Kierownik: Prof. Dr B. Skarzynski Zaklad Fizjologii AM w Krakowie, Kierownik: Prof. Dr. J. Kaulbersz.

(ESTERASES chem) (INTESTINES)

SZAFRAN, Z.; SZAFRAN, Halina; OLEKSY, J.

Studies on hydrolases of digestive juices. VII. ~~Proteolytic~~ activity of canine intestinal juice. Acta biochim. polon. 9 no.3:205-214 '62.

1. Department of Physiological Chemistry and Department of Physiology, Medical School, Krakow.

(PROTEASES - chemistry) (INTESTINE, SMALL - chemistry)

SZAFRAN, Halina; SZAFRAN, Z.

Studies on hydrolases of digestive juices. Acta biochim. pol. 10
no.2:141-150 '63.

1. Department of Physiological Chemistry, Medical School, Krakow.
(CHOLINESTERASE) (PANCREATIC JUICE) (CHEMISTRY)

SZAFRAN, Z.; OLEKSY, J.

Cholinesterase activity of canine intestinal juice obtained from the Thiry-Vella fistula. Bul Ac Pol biol 11 no.3:119-122 '63.

1. Department of Physiological Chemistry, School of Medicine, Krakow. Presented by B. Skarzynski.

SZAFRAN, Zygmunt, dr inz.

Influence of vibration on the settlement of sands with oval and sharp-edged grains. Archiw hydrotech 10 no. 4: 605-638 '63.

1. Politechnika, Wroclaw.

SZAFRAN, Zdzislaw; SZAFRAN, Halina; POPIELA, Tadeusz

Esterolytic effect of the duodenal fluid on aromatic esters.
Folia med. Cracov. 6 no.1:93-99 '64

BIEN, Anna; SZAFRAN, Halina; SZAFRAN, Zdzislaw

Antiproteolytic activity of human cerebrospinal fluid. Neurol.
neurochir. psychiat. Pol. 14 no.1:7-12 Ja-F '64.

1. Z Kliniki Neurologicznej Akademii Medycznej w Krakowie
(Kierownik: prof. dr. W. Jakimowicz) z Zakladu Chemii Fizjo-
logicznej Akademii Medycznej w Krakowie (Kierownik: prof.
dr. B. Skarzynski).

SZAFRANEK J.
SZABUNIEWICZ, B.; KRYSZEWSKI, A.; SZAFRANEK, J.

Method of registration, measurement, and demonstration of the quantity of secreted saliva. Acta physiol. polon. 5 no.4:554-557 1954.

1. Z Zakładu Fizjologii Akademii Medycznej w Gdańsku. Kierownik:
prof. dr B.Szabuniewicz.
(SALIVA, physiology,
secretion, measurement, registration & demonstration,
technic)

~~SZAFRANEK, J.~~
KRYSZEWSKI, A.; SZAFRANEK, J.

Effect of hypoxic-hypercapnic hypothermia on erythrocyte count in rats.
Acta physiol. polon. 8 no.3:405 1957.

1. Z Zakladu Fizjologii A. M w Gdansk Kierownik: prof. dr B. Szabuniewicz.
(ERYTHROCYTES,
count, eff. of hypoxic-hypercapnic hypothermia in rats (Pol))
(HYPOTHERMIA, effects,
hypoxic-hypercapnic, on erythrocyte count in rats (Pol))

GACA, Witold, dr inż.; JEDRZEJCZAK, Hubert, mgr inż.; SZAFRANEK,
Janusz, mgr inż.

Corrosion of the reinforcement in hydraulic concrete.
Archiw hydrotech 10 no. 4: 587-604 '63.

1. Politechnika, Gdansk (for Gaca and Jedrzejczak)
2. Wyzsza Szkola Pedagogiczna, Gdansk-Wrzeszcz (for Szafranek).

SOKOLOWSKI, Janusz; SMIATACZ, Zygfryd; SZAFRANEK, Janusz

Configuration and conformation of N-glycosides. Pt. 2. Rocz
chemii 37 no.5:525-536 '63.

1. Department of Organic Chemistry, Normal School, Gdansk.

SOKOLOWSKI, Janusz; SZAFRANEK, Janusz

Configuration and conformation of M-glycosides. Pt. 4.
Rocz chemii 37 no. 7/8:735-745 '63.

1. Department of Organic Chemistry, Normal School, Gdansk.

L 36899-6: RM

ACC NR: AP6027098

(N)

SOURCE CODE: PO/0099/66/040/001/0029/0036

AUTHOR: Sokolowski, Janusz; Szafranek, Janusz

46
B

ORG: Department of Organic Chemistry, Normal School, Gdansk (Katedra Chemii Organicznej Wyzszej Szkoły Pedagogicznej)

TITLE: Infrared spectra of some derivatives of N-glycosides 7

SOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1, 1966, 29-36

TOPIC TAGS: IR spectrum, IR absorption, absorption band, organic amide, acetylene compound

ABSTRACT: Infrared absorption bands, connected with the symmetric and antisymmetric vibrations of the tetrahydropyran ring, with the valency vibrations of the amide carbonyl group and the valency and deformation vibrations of the NH group for O-acetyl, O,N-acetyl and O-benzylidene derivatives of N-glycosides, were identified. Orig. art. has: 20 figures. [Based on authors' Eng. abst.] [JPRS: 35,392]

SUB CODE: 07, 20 / SUBM DATE: 23Nov64 / ORIG REF: 003 / OTH REF: 006

LS

Card 1/1

1
SZCZUREK, Edward, mgr inz.; SZAFRANEK, Marian, mgr inz.

Protection against asymmetric load of synchronous generators.
Energetyka Pol 18 no. 8:233-238 Ag '64.

1. Electric Safety, Regulation and Measuring Services, Electric
Power Plants of the Sothern District, Katowice.

SZAFRANIEC, Franciszek Hugon

On a certain sequence of ordinary differential equations. Prace
matem Krakow no. 9:89-91 '63.

ACKERMANN, Jadwiga; NOWICKI, Zdzislaw; SZAFRANIEC, Irena

Method of decalcification of hard tissues in moderate vacuum.
Pat. polska 7 no.2:89-93 Apr-June 56.

1. Z Zakladu Histologii A.M. w Krakowie, Kierownik: prof. Dr.
J. Ackermann. Adres autora: Krakow, Zaklad Histologii A.M. Ul,
Kopernika 7.

(HISTOLOGY,
decalcification of hard tissue in moderate vacuum (Pol))
(CALCIUM,
same)

RUTA, Ryszard; SZAFRANIEC, Irena

Histometric studies on the structure of the human sternum.
Pat. pol. 14 no.2:287-295 '63.

1. Kierownik: prof. dr J. Aleksandrowicz Z Zakladu Histologii
AM w Krakowie Kierownik: prof. dr J. Ackermann Z III Kliniki
Chorob Wewn. AM w Krakowie.
(STERNUM) (HISTOLOGY)

POLAND

GWIZDEK, Eugeniusz, HORODYSKI, Boguslaw, and SZAPRAWIEC, Irena; Department of Preventive Stomatology (Zaklad Stomatologii Zachowawczej) (Director: Docent, Dr. J. MODKIECKI) and Department of Histology (Zaklad Histologii) (Director: Prof. Dr. J. ACKERMAN), both of the AM [Akademia Medyczna, Medical Academy] in Krakow

"Effect of Riebler's Paste on the Tissues Surrounding the Tooth."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 7, 31 Jul 63, pp 326-329

Abstract: In connection with manufacturers' caution not to introduce Riebler's paste beyond the apical opening of the tooth, the authors undertook an experimental study of the effect of this paste in rabbits. They describe procedure, clinical observations, and histological study, and tabulate their findings. Injection of the paste into the mandibular bone caused infection, damage to blood vessels, and clearly demarcated infiltration into the bone and soft tissue, which spread in time. In control animals, receiving neutral paste, scar tissue started forming after 3 days. 5 Polish references.

1/1

- END -

1583

CSO: 2000-X

16

SZAFRANIEC, R.

SZAFRANIEC, R. Results of Observations of Eclipsing Variables in 1934/5 and 1947. Acta astronomica, Section C, 1948, v. 4, p. 81-82.

SZAFRANIEC, R.

Minima of eclipsing variables observed in 1957. p. 189.

ACTA ASTRONOMICA. (Polska Akademia Nauk. Komitet Astronomii)
Warszawa. Vol. 8, no. 4, 1958. In English.
Poland/

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 6, June 1959
Uncl

SZAFRANIEC, R. (Krakow)

Minima of eclipsing variables observed in 1958. Acta astronom 9
no.1:48-49 '59.

SZAFRANIEC, R.

The Nordmann-Tikhov effect in the light of photoelectric observations. Acta astronom 12 no.3:181-199 '62.

1. Observatory, Krakow.

SZAFRANIEC, R. (Krakow)

Minima of eclipsing variables observed in 1960. Acta astronom
no.1:79 '63.

BIELI, S. HOMROWSKA, H.: SZAFRANKOWA, H.

~~XXXXXXXXXXXX~~
Clinical dextran; pharmacologic methods of investigation. Acta
Poloniae pharm. 12 no.3:147-152 '53.

1. Instytut Farmaceutyczny w Warszawie.
(DEXTRAN,
pharmacol.)

SYNOWIEDSKI, Zdzisław; MIODUSZEWSKI, Jan Zbigniew; SIKORSKA, Janina;
SZAFRANOWA, Halina.

Dextran as plasma substitute; investigations and method of preparation. Acta Poloniae pharm. 11 no.2:97-112 1954.

1. Z Instytutu Farmaceutycznego. Dyrektor: mgr W. Gumulka.
(DEXTRAN,
*pharmacol. & prep.)

BIELE, S.; HOMROWSKA, H.; SZAFRANOWA, H.

Results of pharmacological investigations on product of hydrolysis
of 2-phenyl-benzylaminomethyl-imidazoline hydrochloride; allergan
A basic. Acta Poloniae pharm. 11 Suppl.:33-34 1955.

1. Instytut Farmaceutyczny w Warszawie.
(ANTI-HISTAMINICS,
antazoline hydrolysis prod., pharmacol.)

[POLAND

SZAFRANKOWA, H. Department of Pharmacology, Institute of Drugs, Warsaw
(Z Zakładu Farmakologii Instytutu Leków w Warszawie).

"Steroidal Compounds with Anabolic Activity."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 52, 24 Dec 62, pp 2043-2047

Abstract: The activity and medical applications of steroidal compounds with anabolic action is reviewed. Thirty-four references are cited.

[1/1

SZAFRANOWA, Halina

Anabolic steroid. Pol. tyg. lek. 17 no.52:2043-2047 25 D '62.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie; kierownik:
doc. dr Jan Venulet.

(ANDROGENS)

(STEROIDS)

JAKIMOWSKA, Krystyna; SZAFRANOWA, Halina

Effect of an E. coli polysaccharide on kidney function. Acta
physiol. Pol. 15 no.5:695-700 S-O '64

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie (Kie-
rownik: doc. dr. J. Venulet).

← SZAFRANSKI, A.

Ebulliometric examination of 2-picoline and its typical contamination.
Bul Ac Pol chim 7 no.1:17-21 '59. (EEAI 9:7)

1. Basic Raw Materials Department, Institute of Physical Chemistry,
Polish Academy of Sciences. Presented by W.Swietoslawski.
(Picoline)

SZAFRANSKI, A.

Ebulliometric examination of 2,6-lutidine and its typical contaminations.
Bul Ac Pol chim 7 no.7:479-483 '59. (EEAI 10:4)

1. Institute of Physical Chemistry, Polish Academy of Sciences.
Presented by W.Swietoslawski.
(Lutidine) (Ebullioscopes)

SZAFRANSKI, A.

Measurement of meltin temperature of naphthalene by cryometric static method. Bul chim PAN 8 no.5:265-268 '60.

(EEAI 10:9/10)

1. Institute of Physical Chemistry, Polish Academy of Sciences.
Presented by W. Swietoslowski.

(Melting points) (Temperature) (Naphthalene)
(Cryometer)

SZAFRANSKI, KAZIMIERZ

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Foods

(3)
The influence of sodium nitrite on the preservation of fish.
Kazimierz Szafrański, Franciszek Szynecznyk, and Stanisław
Krauze. *Roczniki Państwowego Zakładu Hig.* 1953,
No. 3a, 347-54 (English summary).—It was demon-
strated that fresh-water fish, i.e. carp, preserved on ice
contg. 0.1% NaNO₂ retain their freshness 3-4 days longer,
on ice contg. 0.15% NaNO₂ 5-6 days longer than on
ordinary ice (13, 14, and 19 days). The NaNO₂ content of
fish does not exceed the legal limit of 20 mg./100 g. Ice
contg. NaNO₂ inhibits the growth of bacteria and the de-
velopment of Me₃N. A quant. colorimetric method is de-
scribed for detg. the nitrite content of fish with the HCl
salt of *m*-phenylenediamine. Alk. Pb(OAc)₂ and Na₂HPO₄
is used to ppt. proteins instead of Liquor ferri dialysati.
Richard Bhdich.

SZAFRANSKI, KAZIMIERZ

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 3, Food Industry

H-28

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001654410003-7"

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 34321.

Author : Zbigniew Bożyk, Kazimierz Szafrański, Halina Goch,
Zygmunt Culczyński, Anna Jastrzębska.

Inst : not given.

Title : Nutritious Value of Some Canned Meat.

Orig Pub: Przem. spożywczy, 1956, 10, No 11, 464 - 467.

Abstract: The investigation of canned meat "Beef Goulash",
"Pork Goulash" and "Sausage" concerning their water,
protein, fat, ashes and carbohydrate contents showed
that "Pork Goulash" was the most calorific; "Beef
Goulash" was rich in protein.

Card : 1/1

SZAFRANSKI, P.; SYM, E.A.

Organic catabolites of tubercle bacilli of strain H37Rv cultivated on the synthetic DGK medium. (First report). Bull. State Inst. Marine Trop. M. Gdansk 3 no.1-2:25-33 1950. (CJML 20:7)

1. Of the State Institute of Marine and Tropical Medicine and the Polish Tuberculosis Institute.

SZAFRANSKI, P.; SYM, E.A.

Organic catabolites of strain H37Rv Mycobacterium tuberculosis
cultured in DGK medium. Gruzlica, Warszawa 18 no.3-4:427-436
July-Dec 1950. (CML 20:7)

1. Of the National Institute of Marine and Tropical Medicine and the
Institute of Tuberculosis, Gdansk.

SZ/FRANSKI, P.

Quantitative determination of malic acid as a metabolite of
Mycobacterium tuberculosis and effect of streptomycin and PAS
on its synthesis. Gruslica 20 no. 6:669-679 Nov-Dec 1952.
(OLML 24:2)

1. Of the Department of Biochemistry of the Institute of Tuberculosis and of the Institute of Physiological Chemistry of Warsaw Medical Academy.

SZAFRANSKI, PRZEMYSŁAW

201
Continuous extraction of metabolites from media during
✓ continuous extraction of the method to the study
of the metabolism of $\text{K}^{14}\text{C}_6\text{H}_6$ and $\text{K}^{14}\text{C}_6\text{H}_5$
in the presence of $\text{K}^{14}\text{C}_6\text{H}_6$ and $\text{K}^{14}\text{C}_6\text{H}_5$

Szafranski P.

POLON

✓ Malic acid formation in various strains of mycobacteria.
L. Szarkowska and P. Szafranski (Państwowy Zakład Hig.
Warsaw). *Acta Diacrim. Polon.* 1, 225-9 (1954).—*Mycobacterium phlei*, strain 276, *M. tuberculosis* var. *hrois*, and
BCG formed an av. 1.7, 3.1, 4.9, 0.1, and 6.5 mg. % malic
acid/g. dry cells. *M. tuberculosis* H37Rv cultures gave
inconsistent results.
I. Z. Roberts

SZAFRANSKI, P.

LASSOTA, Z.; ~~SZAFRANSKI, P.~~; SZARKOWSKA, L.; SZARKOWSKI, J.W.

Caloric and material balance of Mycobacterium phlei. Acta physiol.
polon. 5 no.4:601-602 1954.

1. Z Zakladu Biochemii PAN i Zakladu Chemii Fizjologicznej Akademii
Medycznej w Warszawie. Kierownik: prof. dr J.Heller.

(MYCOBACTERIUM
phlei, caloric & material balance)

SZAFRANSKI, P.

SZARKOWSKA, L.; SZAFRANSKI, P.

Comparative studies on synthesis of malic acid by various strains of Mycobacterium. Acta physiol. polon. 5 no.4:602-604 1954.

1. Z Działu Biochemii Państwowego Zakładu Higieny w Warszawie.
Z Zakładu Chemii Fizjologicznej Akademii Medycznej w Warszawie.
Kierownik: prof. dr J. Heller.

(MYCOBACTERIUM, metabolism,
malic acid, synthesis by various types)

(MALATES, metabolism,
Mycobact., synthesis by various types)

SZAFRANSKI, P.
SZAFRANSKI, P.; SZARKOWSKA, L.

Studies on infiltration by microorganisms. Acta physiol. polon. 5
no.4:604-605 1954.

1. Z Zakladu Biochemii PAN, Warszawa i Zakladu Chemii Fizjologicznej
Akademii Medycznej w Warszawie. Kierownik: prof. dr J.Heller.
(MYCOBACTERIUM,
phlei, infiltration mechanism)

SZAFRANSKI, Przemyslaw; SZARKOWSKA, Ludmila

Infiltration of cells in microorganisms. Acta biochim.polon.
2 no.2:199-211 1955.

1. Z Zakladu Biochemii Polskiej Akademii Nau w Warszawie.
Kierownik: Prof. dr Jozef Heller.

(BACTERIA,
infiltration of bact.cell)

STAFRANSKI, P.

Szafranski, P.

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(TUBERCULOSIS, PULMONARY)

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Abs Jour : Ref Zhur - Khimiya, No 10, 1957, 33394

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Inst :

Title : Recollections on Professor Bohuslav Brauner.

Orig Pub : Chem. listy, 1955, 49, No 6, 802-813.

Abstract : No abstract.

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